Vertical profiles for precipitation scaling - Updrafts only - Tropics Thermodynamic component Dynamic component 99.999% Pre-industrial 4xCO2 200 200 99.99% (hPa) (hPa) 400 400 Pressure 99.9% 600 600 99.0% 800 800 1000 ∟ -10 90.0% 0.005 0.020 0.025 0.010 0.015 Pressure velocity  $\omega$  (Pa/s)  $q_v^{\star}$  (kg/kg)